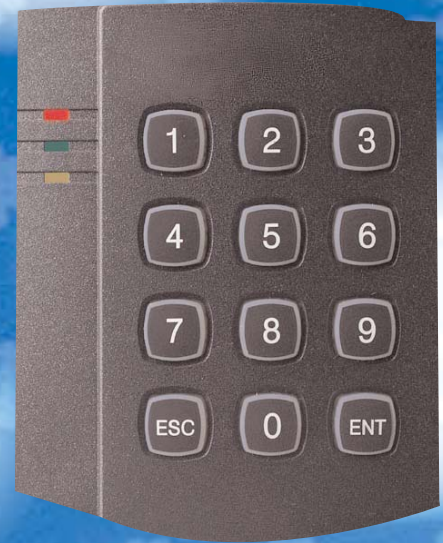


MA100RK

Prox/PIN Access Controller

The MA100RK is an intelligent and cost-effective stand-alone door access controller with transaction report capabilities via RS232 communication. This user-friendly device is easy to install and provides a high level of security access control.



- **512 Card holders**
- **Built-in Prox reader**
- **Transaction reporting**
- **Prox Only or Prox+PIN (4-6 digits) operation**
- **External reader port for Exit**
- **5 inputs and 4 outputs (including 2 output relays)**
- **Chime bell output**
- **Programmable by keypad**
- **10 Time Schedules and 10 Holiday Schedules**

ACCESS TO PEACE OF MIND™

SECURITY • PARKING • ACCESS CONTROL

MA100RK

Specifications:

CPU	Dual 8bit microprocessors
Memory	Program memory: 20KB ROM Data memory: 2KB EPROM
Read Range	2 inches (5cm) with MACT50 4 inches (10cm) with MACC170 4 inches (10cm) with MACI80
Reading Time	30ms
Card Holders	512 Card holders
Reader Ports	1 External reader port (26bit Wiegand format)
Input/Output Ports	Inputs: 5 ea. Relay outputs: 2 ea. (COM, NO, NC) TTL output: 1 ea. Chime bell output: 1 ea.
Communication	RS232, Baud rate of 9600bps
Keypad	12 numeric keypad with back lighting
Self-diagnostic	Yes
LED Indicators	3 LEDs (Red, Green, Yellow)
Power	DC 12V, 200mA
Operating Environment	-31° to +149°F (-35° to +65°C), 10% to 90% humidity
Reset	Watch-dog timer & power on reset
Colour	Dark pearl gray
Weight	210g (0.464 lbs)

